

Claims

- [c1] 1. An integrated extendable load floor assembly for a vehicle having a rear end with a floor and sides extending upwardly and along the floor to form a cargo area and a decklid for closing an upper portion of the cargo area, said integrated drawer assembly comprising:
a plurality of rails adapted to be disposed upon the sides above the floor of the rear end; and
a load floor operatively cooperating with said rails for sliding movement therealong and to close a longitudinal end of the cargo area.
- [c2] 2. An integrated extendable load floor assembly as set forth in claim 1 including a pair of slides disposed on opposed sides of said load floor and cooperating with said rails.
- [c3] 3. An integrated extendable load floor assembly as set forth in claim 1 wherein said load floor comprises a bottom and sides extending generally perpendicular to said bottom to form a compartment for holding objects.
- [c4] 4. An integrated extendable load floor assembly as set forth in claim 1 including an endgate pivotally attached to a rear longitudinal end of said load floor having an upright closed position and a horizontal open position.
- [c5] 5. An integrated extendable load floor assembly as set forth in claim 4 including a latching mechanism to latch said endgate to said load floor in said upright closed position.
- [c6] 6. An integrated drawer assembly as set forth in claim 1 including a latching mechanism to latch said load floor in a closed position with the rear end of the vehicle.
- [c7] 7. An integrated extendable load floor assembly as set forth in claim 1 wherein said load floor includes an inner panel pivotally attached thereto to pivot between a closed position and an open position relative to a bottom thereof.

- [c8] 8. An integrated extendable load floor assembly for a vehicle having an enclosed integral rear storage area comprising:
at least one rail adapted to be disposed upon the bottom of the rear storage area; and
a load floor cooperating with said at least one rail allowing for a selective sliding movement in and out of the rear storage area of the vehicle.
- [c9] 9. An integrated extendable load floor assembly as set forth in claim 8 including at least one slide disposed on sides of said load floor and cooperating with a portion of said at least one rail.
- [c10] 10. An integrated extendable load floor assembly as set forth in claim 8 wherein said load floor comprises a bottom and sides extending generally perpendicular to said bottom to form a compartment for holding objects.
- [c11] 11. An integrated extendable load floor assembly as set forth in claim 8 including a rear panel that is cooperatively attached to a bottom of a rear edge of said load floor allowing selective positioning of the said rear panel in an upright closed position and a lower horizontal open position.
- [c12] 12. An integrated extendable load floor assembly as set forth in claim 11 including a rear panel latching mechanism that latches said rear panel in said upright closed position.
- [c13] 13. An integrated extendable load floor assembly as set forth in claim 11 including a load floor latching mechanism that latches said load floor in a closed position within said storage area.
- [c14] 14. A vehicle comprising:
a rear storage area having a longitudinal open end; and
an integrated extendable load floor assembly cooperating with said rear storage area for allowing selective sliding movement in and out of said rear storage area of the vehicle and to close said open end of said rear storage area.

- [c15] 15.A vehicle as set forth in claim 14 wherein said integrated extendable load floor assembly includes at least one rail connected to said rear storage area and a load floor cooperating with said at least one rail for sliding movement therealong.
- [c16] 16.A vehicle as set forth in claim 15 wherein said load floor comprises a bottom and sides extending generally perpendicular to said bottom to form a compartment for holding objects.
- [c17] 17A vehicle as set forth in claim 15 including a rear panel that is cooperatively attached to a bottom of a rear edge of said load floor allowing selective positioning of the said rear panel in an upright closed position and a horizontal open position.
- [c18] 18.A vehicle as set forth in claim 17 including a rear panel latching mechanism that latches said rear panel in said upright closed position.
- [c19] 19.A vehicle as set forth in claim 17 including a load floor latching mechanism that latches said load floor in a closed position with said rear storage area.
- [c20] 20.An automotive vehicle comprising:
a body including a rear end having a floor and sides extending upwardly and along said floor to form a cargo area;
a plurality of rails spaced laterally and extending longitudinally between said sides above said floor;
a load floor operatively cooperating with said rails for sliding movement therealong; and
a decklid pivotally secured to said sides to cover said cargo area in a closed position and to allow access to said cargo area in an open position and to allow said load floor to be extended when said decklid is in said open position.
- [c21] 21.A sedan type automotive vehicle comprising:
a body including a rear end having a floor and sides extending upwardly and

along said floor to form a cargo area;
an endgate pivotally connected to said sides having a closed upright position
and an open horizontal position; and
a decklid pivotally secured to said sides and cooperating with said endgate
to cover said cargo area in a closed position and to allow access to said
cargo area in an open position and to allow objects to be removed from said
cargo area when said decklid is in said open position.

Patented by the United States Patent and Trademark Office